

An Overview of Higher Education, Multicultural Alliances and International Programs



Science & Education Resources Development (SERD)

- Higher Education Programs (HEP)
- Multicultural Alliances (MA)
- International Programs (IP)

Functional Areas

1. Education, Information & Outreach
2. Human Capital & Expertise Development
3. Institutional Enhancement and Capacity
Building of Teaching, Research, Extension and
Outreach Programs
4. Minority-Serving Institutions
5. International Programs

Funding Priorities

Research Proposals:

- Reflect USDA Strategic Goals and CSREES Objectives
- Specific Priorities in Request for Applications

Teaching Proposals:

- Reflect USDA Strategic Goals and CSREES Objectives
- Specific Priorities in Request for Applications

Training Proposals:

- National Needs
- Human Capital Development Needs
- Employment Opportunities

Ensuring a well-trained and culturally diverse workforce to meet the needs of a globally interconnected, technologically advanced food and agricultural sciences domain

Education & Outreach

Provide educational resources including data to citizenry

- Agriculture In the Classroom (AITC)
- Food and Agricultural Education Information System (FAEIS)
- Employment Opportunities for College Graduates: 2005-2010 Report



Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship Grants Program

Goals / Priorities:

- Support fellowship programs that encourage outstanding students to pursue and complete their degrees or obtain postdoctoral training in areas where there is national need for development of scientific and professional expertise
- Education and Training towards Graduate Degree at
 - M.S. Level
 - Doctoral Level
 - Postdoctoral – not funded
- International Research/Thesis Travel Allowance (IRTA)

National Needs Graduate and Fellowship Grants Program

Eligible Applicants:

- Land-grant institutions; colleges and universities having significant minority enrollments and a demonstrable capacity to carry out the teaching of food and agricultural sciences

Successful Projects:

- Graduate training to develop core competencies in National Needs fellows to meet the emerging workforce demands in the food and agricultural sciences
- IRTAs securing enhanced training in food and agricultural sciences for eligible National Needs Fellows

Higher Education Challenge Grants Program

Goals / Priorities:

Improve academic instruction in food and agricultural sciences by:

- Enhancing curricula
- Increasing faculty teaching competencies
- Modernizing instructional delivery systems
- Facilitating joint initiatives among other educational institutions
- Responding to state, regional, or national needs

Secondary and 2-Year Postsecondary Agriculture Education Challenge Grants Program

Goals / Priorities:

Promote / strengthen academic instruction in agriscience / agribusiness at secondary / 2-year postsecondary institutions:

- Enhancing curricula
- Increasing faculty teaching competencies
- Preparing students for scientific and professional careers
- Incorporating agriscience or agribusiness subject matter into other, non-agricultural course work
- Facilitating joint initiatives among other educational institutions
- Responding to identified State, regional, or national needs



1890 Institution Teaching and Research Capacity Building Grants Program

Goals / Priorities:

- Building & strengthening institutional capacity & capabilities in new, emerging academic & scientific areas in food, agricultural & related sciences
- Strengthening partnerships & collaborations among 1890s, other institutions of higher education, USDA agencies and private sector

Projects:

- Teaching
- Research

Hispanic Serving Institutions Education Grants Program

Projects should focus on one or more of Educational Need Areas:

- Curricula design, materials development, and library resources
- Faculty preparation & enhancement for teaching
- Scientific instrumentation for teaching
- Instruction delivery systems
- Student experiential learning
- Student recruitment and retention (including student financial assistance)

Higher Education Multicultural Scholars Program (MSP)

Goals / Priorities:

- Increase multicultural diversity of food and agricultural scientific and professional workforce
- Advance educational achievement of all Americans by providing competitive grants to colleges and universities

Supports recruiting, retaining, mentoring, training of high quality multicultural scholars in undergraduate education, resulting in either a baccalaureate degree within the food and agricultural sciences or DVM degree

Tribal Colleges (1994 Institutions) Extension Program

Goals / Priorities:

- Increase Extension program capacity at 1994 Institutions
- Address special needs, take advantage of important opportunities and/or demonstrate long-term sustained benefits of Extension projects at 1994 Institutions (“Extension Special Emphasis Projects”)

Funded projects support one or more of CSREES Strategic Goals

Federally-Recognized Tribes Extension Program

Eligible Applicants:

1862 and 1890 land-grant colleges and universities

Awards:

- Made through 4-yr continuation grants for projects that are initially selected on competitive basis and periodically reviewed.
- In FY 2007 ranged from \$64,000 to \$126,000

International Programs

Provide national program leadership for international activities of CSREES and U.S. universities & colleges

Major Activities:

- Facilitating globalization of US campuses
- Planning and implementing international development projects
- Recruiting and selecting personnel for overseas technical assistance efforts
- Serving as a point-of-contact and clearinghouse for information about international activities
- Collaborating with other government agencies, university and national organizations

International Science and Education Competitive Grants Program

Goals / Priorities:

Purpose is to support Internationalization of food, agriculture, and related programs at U.S. universities and colleges.

Next Competition:

FY 2008

Questions ?

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